GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:1435
ANSWERED ON:09.03.2017
Solar Power Generation Potential
Singh Shri Abhishek

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether it is a fact that major portion of country's solar power generation potential is left unused as the country being a tropical country with sufficient amount of sunny days;
(b) if so, the details thereof and the reasons therefor along with the steps taken by the Government to utilize the maximise ratio of solar power;
(c) whether the Government is considering to formulate any national policy to develop indigenous solar po wer manufacturing in the country and if so, the details thereof; and
(d) the investment received so far under 'make-in-India' scheme in new and renewable energy sector till January, 2017 and the efforts being made by the Government in this regard?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) and (b): India has an estimated solar power potential of 748 GW. Against this potential, a capacity of around 9.6 GW has been installed as on 28.2.2017.
In order to utilise the maximum solar potential, the Government has set a target of 100 GW solar installation by 2022 for which the Government has launched several schemes for promotion of solar energy in the country to achieve the target. The Government is promoting solar energy through fiscal and promotional incentives such as capital subsidy, tax holiday on the earnings for 10 years, generation based incentive, accelerated depreciation, viability gap funding (VGF), financing solar rooftop systems as part of home loan, concessional excise and custom duties, preferential tariff for power generation from renewables, and Foreign Direct Investment (FDI) up to 100 per cent under the automatic route etc.

(c): Government has been supporting solar manufacturing by way of various mechanisms such as Modified Special Incentive Package Scheme (M-SIPS) of Ministry of Electronics & Information Technology (MeitY).

(d): Department of Industrial Policy and Promotion has reported that FDI is not maintained scheme/programme wise. However, the FDI equity inflow received after the launch of 'Make in India' Scheme (upto December, 2016) in sector namely Non-Conventional Energy is as follows:
Sector: Non-Conventional Energy
Sl No Year FDI in US$ million
1 2014-15 (Oct-Mar) 239.50
2 2015-16 776.51
3 2016-17 (Apr-Dec) 657.71
Grand Total 1,673.72
****